

**WHAT IS CLAIMED IS:**

1. A wireless network transmission device comprising  
a network control chip, a communication control chip and a control chip  
set which are arranged in parallel;

5 a first USP module and a second USP module; wherein the network  
control chip, communication control chip, and control chip set are  
connected to the first USP module and the second USP module through a  
bus; wherein the first USP module is connected to an external network  
communication protocol module and the second USP module is connected  
10 an external mobile phone communication protocol module; thus, the system  
is communicable with network communication protocol module and mobile  
phone communication protocol module in parallel; thereby, two data of  
different protocol can be transmitted by using one of the two protocols;

wherein the control chip set serves to connect a PCMCIA interface to  
15 the first USP module and second USP module through the network control  
chip and the communication control chip.

2. The wireless network transmission device as claimed in claim 1,  
wherein in operation, the network control chip and communication control  
chip are changeable so that signal can be transmitted through one of the  
20 chip.

3. The wireless network transmission device as claimed in claim 1,  
wherein the network communication protocol module uses one the protocols  
of WLAN802.11a, WLAN802.11b, WLAN802.11b+, WLAN802.11g, and  
WLAN802.11g+.

25 4. The wireless network transmission device as claimed in claim 1,  
wherein the mobile phone communication protocol uses one of the protocols  
of GPRS, CDMA, WCDMA, CDMA1X, TD-CDMA.